

ARTESIAN CONDITIONS

Favorable Throughout Harney County Says U. S. Report

WATER FLOWS GOT NEAR SURFACE

Water Factor in Reclaiming Lands in Various Parts of Harney County--Section South of Steens Mountain Particularly Favored--Thomas & Walter to Experiment in Trout Creek.

Artesian water will be a factor in reclaiming lands in Harney County in the general opinion of the U. S. Geological Survey. The recent report of the U. S. Geological Survey on the water resources of this district adds to the general opinion of the fact that the artesian water flows throughout Harney County, and more particularly the south of Steens Mountain. The fact that many good flows have been struck already in that section, at a very shallow depth, shows that the water is being brought up from the Alford, White and Trout Creek valleys, and that the water has been put to use at a small cost. That they are of great benefit has been demonstrated by past experience. The greater number of wells have been small, but the fact that they have been made to increase the flow of water, and a greater number of them. It is generally believed that the entire district is an artesian basin and in the future more experiments will be made. A recent well struck south of the Trout Creek valley lands being discovered by Thomas & Walter, a splendid flow through a pipe. This has caused the purchase of a well and experiments will be made on such of the land as can be covered by the big project now under way on these lands. No doubt of its success, and the fact that artesian water may be obtained through the region. Artesian flows have been found in the Harney Valley proper, but the general opinion is that the depth as that south of Steens Mountain. It is certain that an artesian flow exists in the valley and with the experiment the depth is ascertained. With the fact so close to the surface, the development of the artesian water, the problem of irrigation is practically solved in this valley, however, strong flows are found at considerable depth or not. In the artesian condition, Mr. Waring says in part: "The publication in 1885 of the excellent paper by Chamberlain, the typical trough-shaped basin, or alluvial artesian slope, has often been considered essential to artesian conditions. In a typical artesian area the rocks are composed of pervious and impervious layers, folded so as to form an artesian basin. Water that penetrates the pervious beds is within them by the layers above and below,

of moisture. In the Snake river valley, where there is an abundance of water add thorough systems of irrigation there are no failures through drought, there is no decrease in the fertility of the soil, but the longer it is irrigated the more fertile it becomes and the oldest farms we have are the most productive, where drainage has been attended to, being of equal importance with the irrigation. The government recently experimented with the waters of the Colorado river and determined by analysis that the water used to irrigate one acre of ground during the irrigation season contained fertilizers, which, if purchased in the open market, would cost \$7.50 per acre. Think what that means, nature replenishes your soil each season and makes it produce constantly increasing crops. In the rain belt the condition is just the reverse, the rainfall moistens the soil, and tends to gradually decrease the strength of the soil. This is more forcibly illustrated in the quantity of protein harvested from irrigated lands, when compared with the best in the rain belt sections. Corn is their great staple, just as alfalfa is that of the irrigated farm. An eastern farm will produce about one ton of corn to the acre, corn contains about 10.3 per cent protein. The Snake river valley farms produce from seven and one-half to ten tons of alfalfa an acre, and alfalfa contains 14.3 per cent protein. The alfalfa is also produced by much less labor than required for the corn. The eastern man has an annual expense for fertilizers and heavy labor bills, while the western man produces ten times the quantity at less expense. This explains why so many eastern farmers are coming to the great Snake river valley, where lands are cheap and productive and drought failures unknown; with the short, mild winters and the long growing seasons. Argus.

Every good road in the country increases the business of the city. The more business in a city the higher the value of land. Why, then, should not the land owner in the city help pay some of the expenses of road building in the country. The city swell with his auto chugging holes in our roads cusses the lazy farmers who will not tax themselves blind to make better roads. Why should not the empty lot and the idle timber section owned by the man with the big red auto help pay for some good roads? He would not be at any permanent loss. If the local property owners and residents are willing to pay one-half the state could pay the other. In some sections of the civilized globe the farmers get roads that way. Ex.

There are those who seem to find the belittling of a favor a necessary part of its acceptance. If they can argue to their own satisfaction that the service did not amount to much, that no one could in decency have done much less, that it really was not so much a matter of kindness as a plain duty, and that probably some selfish or ignoble motive lay at the root of it in any case, then they have arrived at a state of mind that frees them from any undue sense of obligation. There are natures that shrink from any return of gratitude or appreciation as if such sentiments were a disgrace, and they call their attitude independence. It is so easy to run over our mental shelves and mislabel the contents. Ex.

Tickling, tight coughs, can be surely and quickly loosened with a prescription Druggists are dispensing everywhere as Dr. Shoop's Cough Remedy. And it is so very, very different from common cough medicines. No opium, no chloroform, absolutely nothing harsh or unsafe. The tender leaves of a harmless, lung healing mountain shrub, gives the curative properties to Dr. Shoop's Cough Remedy. Those leaves have the power to calm the most distressing cough and to soothe and heal the most sensitive bronchial membrane. Mothers should, for safety's sake alone, always demand Dr. Shoop's. It can with perfect freedom be given to even the youngest babes. Test it yourself and see! Sold by Reed Bros.

P. L. S. CO. GIVES OPTION

Such is Given Out by a Recent San Francisco News Dispatch

INCLUDES LAND HOLDINGS HERE

Report Says Armour Packing Interests Have Option on The Oregon and California Holdings of Company--Thousands of Acres of Valuable Lands in Harney County Are Included.

It is again rumored that the P. L. S. Co. holdings are to be sold and that Armour has an option. The land holdings of the company in this county include a large acreage of valuable land together with water rights and should a sale be made it is somewhat speculative as to what would be done with this land. It may be cut up into small tracts or possibly held for pasture and hay by the big packing people.

A recent dispatch from San Francisco says: After more than a year of speculation relative to the sale of the famous S. Miller & Lux properties, it was stated today that Henry Miller had given the Armour packing interests an option on the Oregon and California holdings of the company, which include hundreds of thousands of acres of valuable lands, water and power rights and livestock. According to unquestioned information, Miller & Lux have been negotiating with the Armour for some time. A representative of the big packing interests, G. H. Hutchinson of Chicago, has been in frequent conference with Miller and J. Leroy Nickel in the company's offices in the Merchants Exchange building.

The report of the gigantic deal was the subject of much gossip in banking and financial circles today, it being freely stated that Miller had tendered to the Armour an option on the Miller & Lux properties in Oregon and California.

Inquiry elicited the information that Miller, Louis F. Montague and Gustav Gutsch, the latter two being directors of Miller & Lux, were all in the San Joaquin valley, together with Hutchinson, who is making a critical examination of the extensive properties on the west side of the river.

If the deal is consummated it will involve the transfer of many millions of dollars. The California holdings of Miller & Lux consist mainly of hundreds of thousands of acres of land in the San Joaquin valley and elsewhere in the state. Some of the lands are rich in oil wealth. The company owns besides thousands of horses and cattle and valuable water and power rights, as well as abattoirs and cold storage plants.

What Would You Do.

In case of a burn or scald what would you do to relieve the pain? Such injuries are liable to occur in any family and every one should be prepared for them. Chamberlain's Salve applied on a soft cloth will relieve the pain almost instantly, and unless the injury is a very severe one, will cause the parts to heal without leaving a scar. For sale by all good dealers.

THE STOCK BUSINESS.

John Robertson, who looks after the driving and shipping of the Hanley cattle, is in the city, having brought in about 1200 cattle, mostly from the old French-Glenn ranches. Mr. Robertson stated this would be the last drive for the season, and that it would run the total for the season up to 16,000 head. The price for the season drive has averaged about \$25 a head. They are feeding 400 steers at the Hanley ranch, that are an especially fine lot, these will be ready for market early in the spring.

Baker Ball purchased 900 of the Hanley cattle and after feeding a short time will ship to Seattle. The balance of the Hanley cattle will be shipped to Omaha soon as cars can be obtained.

Notice

Notice is given that subscriptions will be received at the office of the undersigned Company, or through the Security Savings & Trust Company, Trustee, Portland, Oregon, for \$800,000.00 First Mortgage 6 per cent bonds of the Portland Cement Company, of Portland, Oregon. These bonds are \$500.00 each; will be sold at par or face value, plus accrued interest. A bonus of 100 per cent common stock of the Company will be given with the bonds, to-wit: \$500.00 of stock with each \$500.00 of bonds. Subscriptions may also be tendered through either of the following named banks of the City of Portland, to-wit:

BANK OF CALIFORNIA
CANADIAN BANK OF COMMERCE
FIRST NATIONAL BANK
HIBERNIA SAVINGS BANK
HARTMAN & THOMPSON, Bankers
LADD & TILTON BANK
MERCHANTS NATIONAL BANK
UNITED STATES NATIONAL BANK
or may be tendered through
FIRST NATIONAL BANK
Burns, Oregon.
HARNEY COUNTY NATIONAL BANK
Burns, Oregon.

The following well-known men are the officers and directors and more prominent stockholders of the Portland Cement Company:

AMAR MOORE, President, ex-Gen. Mgr., Colorado Portland Cement Co., Denver, Colo. Ex-Gen. Mgr., Union Portland Cement Co., Ogden.
THOMAS R. WILSON, Vice President, Pres., Portland Flouring Mills Co., Portland.
ALEX. NIBBLE, Secretary, ex-Treas. Grande Ronde Lumber Co., Perry, Oregon.
L. A. LEWIS, Allen & Lewis, Portland.
C. W. SHELLEY, Pres., Union Portland Cement Co., Ogden, Utah.
A. L. MILLER, President, First National Bank, Portland.
JOHN N. TEAL, Attorney, Portland.
W. F. BURRILL, President, Russell Investment Co., Portland.
J. C. AINSWORTH, Pres., United States National Bank, Portland.
W. W. COTTON, Attorney, Portland.
GEO. LAWRENCE, Jr., Manager Lawrence Harney Co., Portland.
PAUL C. BATES, Manager Actina Life Insurance Co., Portland.
WIRT MINOR, Attorney, Portland.
CHAS. E. MOORE, Pres., Ladd Estate Co., Portland.
ANDREW C. SMITH, Pres., Hibernia Savings Bank, Portland.
W. A. GORDON, Pres., W. A. Gordon Co., Portland.
E. L. THOMPSON, Hartman & Thompson, Bankers, Portland.
TOM RICHARDSON, Manager, Portland Commercial Club, Portland.
T. W. SULLIVAN, Chief Eng., Portland R. R. L. & P. Co., Oregon City.
JOHN C. CUTLER, ex-Governor State of Utah, Salt Lake City.
JOHN PINGREE, Cashier, First National Bank, Ogden.
GEORGE RUMSEY, Vice Pres., Deseret Savings Bank, Salt Lake City.
C. LEONARDI, Pres., Southwestern Portland Cement Co., Los Angeles.
O. C. BEER, Cashier, Zion's Savings Bank & Trust Co., Salt Lake City.
THOMAS R. CUTLER, Pres., Utah-Idaho Sugar Co., Salt Lake City.

A document giving full particulars concerning the Portland Cement Company and its bonds will be mailed or may be had upon application to the

PORTLAND CEMENT CO.,
607-609 Lumbermens Building
Portland, Oregon.

OR

FIRST NATIONAL BANK
Burns, Oregon.
HARNEY COUNTY NATIONAL BANK
Burns, Oregon.

NOTICE FOR PUBLICATION.

UNITED STATES LAND OFFICE,
Burns, Oregon, November 9, 1909.

Notice is hereby given that Edward Snyder, of Burns, Oregon, who, on April 4, 1908, made homestead entry No. 343, Serial No. 0202, for SW 1/4, Section 36, Township 24 South, Range 24 East, Willamette Meridian, has filed notice of intention to make Final Confirmation Proceeding to establish claim to the land above described, before the Register and Receiver, at Burns, Oregon, on the 25th day of December, 1909.

Claimant names as witnesses:
Mabel Bellows, of Burns, Oregon; Jacob Abbott, Norman McIntosh, John McIntosh all of Laven, Oregon.

WM. FARRE, Register.

NOTICE FOR PUBLICATION.

UNITED STATES LAND OFFICE,
Burns, Oregon, November 9, 1909.

Notice is hereby given that Clark Wheeler, of Burns, Oregon, who, on August 10, 1908, made homestead entry No. 303, for the SW 1/4, NW 1/4, Section 36, Township 24 South, Range 24 East, Willamette Meridian, has filed notice of intention to make Final Confirmation Proceeding to establish claim to the land above described, before the Register and Receiver, at Burns, Oregon, on the 25th day of December, 1909.

Claimant names as witnesses:
Fred Herold, Edward Koehnemann, Alexander McKinnon, Charles Beckhouse all of Burns, Oregon.

WM. FARRE, Register.

NOTICE FOR PUBLICATION.

UNITED STATES LAND OFFICE,
Burns, Oregon, November 15, 1909.

Notice is hereby given that John Farr, of Burns, Oregon, who, on November 8, 1900, made homestead entry No. 266, Serial No. 000, for SW 1/4, Section 14, Township 31 South, Range 24 East, Willamette Meridian, has filed notice of intention to make Final Confirmation Proceeding to establish claim to the land above described, before the Register and Receiver, at Burns, Oregon, on the 10th day of January, 1910.

Claimant names as witnesses:
N. A. Hilde, of Burns, Oregon; T. S. Balfour, F. C. Hilde both of Riley, Oregon; Andrew Nelson of Burns, Oregon.

WM. FARRE, Register.

The Stetson stamp is more than a trade mark--it is a guarantee of hat satisfaction.

No other hat can promise what the Stetson does, because no other hats are made like Stetson hats.

In the selection of materials, the designing of styles, the proportions, the workmanship--in every step the Stetson hat stands alone as the result of the makers' purpose to produce the best.



Every Stetson wears the Stetson Name.

The Stetson

Has made friends of our customers, and customers of our customers' friends.

We have the famous felt and fur hats in all the latest styles.

N. BROWN & SONS

The Satisfactory Store

Burns, Oregon.

The Harney Valley Brewing Co.

Manufacturers of
PURE BEER
and
Pure Soda Water
Family Trade Solicited--Free Delivery
T. E. JENKINS, Manager

THE CAPITAL SALOON,

BEDELL & RICHARDSON, Proprietors.
Burns, Oregon.

Make This Headquarters.

Wines, Liquors and Cigars.
Billiard and Pool Tables.
Club Rooms in Connection.

M. L. LEWIS

FIRE INSURANCE.

Represents the...

Home Insurance Co., of New York,
Live pool, London & Globe,
Fire Assurance Co., Philadelphia.

OFFICE WITH MOOS & BROS.
Burns, Oregon.
on corner south of Lunenburg & Dalton's.

The OVERLAND HOTEL

Burns, Oregon

Afford the Best Accommodations

to be had in Harney County

CLEAN ROOMS, CLEAN WINNEN, PLEASANT VICTUALS

The patronage of all guests under the old management especially solicited.

Rates \$1 a day, \$6 a week, \$24 a month

Henders on Elliott, Prop.

It isn't so difficult to strengthen a weak stomach if one goes at it correctly. And this is true of the heart and kidneys. The old fashioned way of dosing the stomach or stimulating the heart or kidneys is surely wrong! Dr. Shoop first pointed out this error. "Go to the weak or ailing nerves of these organs," said he. Each inside organ has its controlling or "inside nerve." When these nerves fail then those organs must surely falter. This vital truth is leading druggists everywhere to dispense and recommend Dr. Shoop's Restorative. A few days test will surely tell! Sold by Reed Bros.

HAY FOR SALE--About 600 tons best timothy hay. Good feeding place, open water, early range. Keyes & Vanderveer, Van, Oregon.

STEVENS ARMS

are for sale by all progressive Hardware and Sporting Goods Merchants

DAN BEARDS' scholarly effort -- "GUNS AND GUNNING" will be mailed postpaid to our applicant by J. STEVENS ARMS & TOOL CO., Chicago, Ill., upon receipt of price. For paper cover illustration of 12 cents for club bound book and 30 cents.

J. STEVENS ARMS & TOOL CO.
P. O. Box 409
Chicago, Ill., U.S.A.

FINE RANCH FOR SALE

Splendid Opportunity For Stockmen

We will sell the part of the holdings of the American Land & Live Stock Company known as the Colony Ranch, located on Colony Creek in the southern part of Harney County. This is a fine ranch, consisting of about fourteen hundred (1400) acres, several hundred acres of which is in fine meadow. We would like to sell the Colony Ranch about eleven hundred (1100) acres of land which we own in northern Nevada, near the Colony Ranch which was located by Mr. Sisson on account of the water advantages. Easy terms will be made.

Address-- THOMAS & WALTERS,
540 Commercial Nat Bank Bldg.,
Chicago, Ill.